

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate

Number SA00258BO

This Certificate issued to

Avidyne Corporation
55 Old Bedford Road
Lincoln, Massachusetts 01773

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations.

Original Product Type Certificate Number: 3A13

Make: Cessna Aircraft Company

Model: 182P

Description of Type Design Change:

Installation of Avidyne Corporation Part Number 700-00159-() MultiLink Broadcast Receiver with either Micro-Ant P/N A420-ANTS-TD or Sensor Systems P/N S67-1575-650 antenna, and either Avidyne Corporation P/N 700-00007-() or P/N 700-00004-() Multifunction displays in accordance with Avidyne Corporation Master Document List, Document No. AVSSG-006, Revision 08, dated January 23, 2008, or later FAA-approved revisions.

Limitations and Conditions:

1. The MultiLink Receiver integrates with separately approved system installations. Adherence to the limitations in the Aircraft Flight Manual Supplements associated with those systems is mandatory.
2. Instructions for Continued Airworthiness (ICA), Avidyne Corporation Document AVSSG-008, Revision 03, dated July 19, 2007 or later FAA accepted revision shall be made available to the operator at the time of installation.
3. Compatibility of this design with previously approved modifications must be determined by the installer.

... See continuation sheet 2 ...

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: March 22, 2007

Date reissued:

Date of issuance: August 28, 2007

Date amended: January 30, 2008



By direction of the Administrator

Robert G. Mann
(Signature)

Robert G. Mann
Manager
Boston Aircraft Certification Office

(Title)

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate

Number SA00258BO

Date Amended: January 30, 2008

Limitations and Conditions (cont'd)

4. Interfacing with other display equipment such as non-Avidyne MFDs, GPSs with display capability, Electronic Flight Bags, etc. is possible, but those configurations are not covered under this STC.

Certification Basis

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for non significant changes in FAA Order 8110.48, the certification basis for installation of the MultiLink Broadcast Receiver System in the Cessna 182P aircraft is as follows:

- a. The type certification basis for Cessna Model 182P is shown in TCDS 2A13, Rev 66, dated November 3, 2006 for parts not changed or not affected by the change.
- b. The certification basis for parts changed or affected by the change since the reference date of application, March 22, 2007, is based on 14 CFR Part 23 as amended by amendment 23-55. Based on 14 CFR § 21.115 and § 21.101, and the FAA policy for non significant changes in Order 8110.48, the certification basis for this modification was determined to be:

23.301(a)(b)(c)(d), 23.303, 23.305(a)(b), 23.307(a)(b), 23.561(a)(b)(3)(c)(d), 23.607, 23.609(a), 23.1301(a)(b)(c)(d), 23.1309(a)(1)(2)(b)(e), 23.1322(b)(d), 23.1351(a)(2)(i)(b), 23.1357(a)(2)(b)(c)(1), 23.1359(c), 23.1367(a)(c)(d), 23.1431(a)(b), 23.1501(a)(b), 23.1529, 23.1355(a), 23.1583(m), 13.1585(j).

....END....